

10/688,624

2

B-03-0835

In The Claims:

1. (Currently Amended) An architectural archway for an aircraft having an elongated fuselage with an upper crown portion, a floor member and a lower lobe portion, said archway comprising an inverted arcuate structure with two spaced apart end members, said structure adapted to fit inside the fuselage and be positioned on the floor member with said end members positioned on the floor member on opposite sides of the fuselage, wherein said archway has a cross-sectional shape selected from the group comprising V-shaped, U-shaped and semi-circular shaped.

2. (Original) The architectural archway for an aircraft as described in claim 1 wherein said archway is hollow and is adapted to run system components between said upper crown portion and said lower lobe portion, the system components being electrical wires, water lines or conditioned air ducts.

3. (Canceled)

4. (Original) The architectural archway for an aircraft as described in claim 1 further comprising at least one integral passageway in said archway structure for passage of a system component of the aircraft.

5. (Currently Amended) An architectural archway for an aircraft having an elongated fuselage with an upper crown portion, a floor member and a lower lobe portion, said archway comprising an inverted arcuate structure with two spaced apart end members, said structure adapted to fit inside the fuselage and be positioned on the floor member with said end members positioned on the floor member on opposite sides of the fuselage, The—the architectural archway for an aircraft as described in claim 1 further comprising a lavatory positioned in said archway structure adjacent one of said end members.

6. (Currently Amended) An architectural archway for an aircraft having an elongated fuselage with an upper crown portion, a floor member and a lower lobe portion, said archway comprising an inverted arcuate structure with two spaced apart end members, said structure adapted to fit inside the fuselage and be positioned on the floor member with said end

BEST AVAILABLE COPY

02/06/06 16:18 FAX 212 681 0300

OCF&B

006

10/688,624

3

B-03-0835

members positioned on the floor member on opposite sides of the fuselage. The the architectural archway for an aircraft as described in claim 1 further comprising a flight attendant seat member positioned in said archway structure.

7. (Currently Amended) A pair of architectural archways for an aircraft having an elongated fuselage with a door member, an upper crown portion, a floor member and a lower lobe portion, each of said archways comprising an inverted curved structure with a curved central portion and two spaced apart leg members; each of said leg members having an end member adapted to be positioned on the floor member, said pair of archways adapted to be positioned in the aircraft adjacent to and framing a door member, wherein each of said archways has a cross-sectional shape selected from the group comprising V-shaped, U-shaped and semi-circular shaped.

8. (Original) The pair of architectural archways as described in claim 7 wherein said end members of each of said archways are adapted to be positioned on the floor member on opposite sides of the fuselage.

9. (Original) The pair of architectural archways as described in claim 7 wherein each of said archways is hollow and is adapted to run system components between said upper crown portion and said lower lobe portion, the system components being electrical wires, water lines or conditioned air ducts.

10. (Canceled)

11. (Original) The pair of architectural archways as described in claim 7 further comprising at least one integral passageway in said archway structure for passage of a system component of the aircraft.

12. (Currently Amended) A pair of architectural archways for an aircraft having an elongated fuselage with a door member, an upper crown portion, a floor member and a lower lobe portion, each of said archways comprising an inverted curved structure with a curved central portion and two spaced apart leg members; each of said leg members having an end member adapted to be positioned on the floor member, said pair of archways adapted to be

10/688,624

4

B-03-0835

positioned in the aircraft adjacent to and framing a door member, The pair of architectural archways as described in claim 7 wherein at least one of said pair of archway structures has a lavatory in it.

13. (Currently Amended) A pair of architectural archways for an aircraft having an elongated fuselage with a door member, an upper crown portion, a floor member and a lower lobe portion, each of said archways comprising an inverted curved structure with a curved central portion and two spaced apart leg members, each of said leg members having an end member adapted to be positioned on the floor member, said pair of archways adapted to be positioned in the aircraft adjacent to and framing a door member, The pair of architectural archways as described in claim 7 wherein at least one of said pair of archway structures has a flight attendant seat member in it.

14. (Currently Amended) An aircraft having a fuselage for carrying passengers, said fuselage having an upper crown portion, a lower lobe portion, a passenger portion, a floor member in said passenger portion, at least one door member in said passenger portion, and at least one conduit from an aircraft support system, comprising at least one archway member positioned in said passenger portion of said fuselage, said archway member having an inverted curved configuration with a curved central portion and two curved end portions, each of said curved end portions having an end member positioned on said floor member, wherein said archway member has a cross-sectional shape selected from the group comprising V-shaped, U-shaped and semi-circular shaped.

15. (Original) The aircraft as described in claim 14 wherein said archway member has an internal hollow portion for positioning and passage of said conduit from said aircraft support system.

16. (Canceled)

17. (Original) The aircraft as described in claim 14 wherein said aircraft has a plurality of support system conduits positioned in said crown portion and said lower lobe portion, and wherein at least a portion of said support system conduits are also positioned in said archway member.

10/688,624

5

B-03-0835

18. (Original) The aircraft as described in claim 14 wherein said aircraft has a plurality of support system conduits positioned in said crown portion and said lower lobe portion and wherein at least a portion of said support system components are passed between said upper crown portion and said lower lobe portion through said archway member.

19. (Original) The aircraft as described in claim 14 wherein a pair of said archway members are positioned closely adjacent each other in said passenger portion and positioned adjacent to said door member.

20. (Original) The aircraft as described in claim 19 wherein said pair of archway members are positioned on either side of said door member.

21. (Original) The aircraft as described in claim 14 wherein at least two sets of archway members are positioned in said passenger portion, each set comprising a pair of archway members positioned closely adjacent each other.

22. (Original) The aircraft as described in claim 14 wherein said archway member is utilized as a divider to separate said passenger portion into two separate sections.

23. (Original) The aircraft as described in claim 14 wherein said archway member is utilized as a divider to separate said passenger portion from at least one flight service portion.

24. (Original) The aircraft as described in claim 14 wherein said archway member has at least one integral passageway for positioning of said conduit.

25. (Currently Amended) An aircraft having a fuselage for carrying passengers, said fuselage having an upper crown portion, a lower lobe portion, a passenger portion, a floor member in said passenger portion, at least one door member in said passenger portion, and at least one conduit from an aircraft support system, comprising at least one archway member positioned in said passenger portion of said fuselage, said archway member having an inverted curved configuration with a curved central portion and two curved end

10/688,624

6

B-03-0835

portions, each of said curved end portions having an end member positioned on said floor member. The the aircraft as described in claim 14 further comprising a lavatory positioned in at least one curved end portion of said archway member.

26. (Currently Amended) An aircraft having a fuselage for carrying passengers, said fuselage having an upper crown portion, a lower lobe portion, a passenger portion, a floor member in said passenger portion, at least one door member in said passenger portion, and at least one conduit from an aircraft support system, comprising at least one archway member positioned in said passenger portion of said fuselage, said archway member having an inverted curved configuration with a curved central portion and two curved end portions, each of said curved end portions having an end member positioned on said floor member. The the aircraft as described in claim 14 further comprising a seat member positioned in at least one curved end portion of said archway member.

27. (Original) The aircraft as described in claim 14 where wherein said aircraft has a plurality of support system conduits positioned in said crown portion and said lower lobe portion, and wherein at least a portion of said support system components are passed from said upper lobe portion and into said passenger portion through said archway member.

28. (Original) The aircraft as described in claim 14 wherein said aircraft has a plurality of support system conduits positioned in said crown portion and said lower lobe portion, and wherein at least a portion of said support system components are passed from said lower lobe portion and into said passenger portion through said archway member.

29. (Original) The aircraft as described in claim 14 wherein said aircraft has a plurality of support system conduits positioned in said crown portion and said lower lobe portion, and wherein at least a portion of said support system components are passed between said upper crown portion and said lower lobe portion through said archway member.

30. (Original) The aircraft as described in claim 14 wherein said support system is selected from the group comprising an electrical system, a water system and a conditioned air system.

10/688,624

7

B-03-0835

31. (Currently Amended) An architectural archway for an aircraft having an elongated fuselage with an upper crown portion, a floor member and a lower lobe portion, said archway comprising a arch-like structure with two spaced apart end members, said structure adapted to fit inside the fuselage and be positioned on the floor member with said end members positioned on the floor member on opposite sides of the fuselage, wherein said archway has a cross-sectional shape selected from the group comprising V-shaped, U-shaped and semi-circular shaped.

32. (Previously Presented) The architectural archway for an aircraft as described in claim 31 wherein said archway is hollow and is adapted to run system components between said upper crown portion and said lower lobe portion, the system components being electrical wires, water lines or conditioned air ducts.

33. (Canceled)

34. (Previously Presented) The architectural archway for an aircraft as described in claim 31 further comprising at least one integral passageway in said archway structure for passage of a system component of the aircraft.

35. (Currently Amended) An architectural archway for an aircraft having an elongated fuselage with an upper crown portion, a floor member and a lower lobe portion, said archway comprising a arch-like structure with two spaced apart end members, said structure adapted to fit inside the fuselage and be positioned on the floor member with said end members positioned on the floor member on opposite sides of the fuselage. The architectural the archway for an aircraft as described in claim 34 further comprising a lavatory positioned in said archway structure adjacent one of said end members.

36. (Currently Amended) An architectural archway for an aircraft having an elongated fuselage with an upper crown portion, a floor member and a lower lobe portion, said archway comprising a arch-like structure with two spaced apart end members, said structure adapted to fit inside the fuselage and be positioned on the floor member with said end members positioned on the floor member on opposite sides of the fuselage, the The architectural archway

10/688,624

8

B-03-0835

~~for an aircraft as described in claim 31 further comprising a flight attendant seat member positioned in said archway structure.~~

37. (Canceled)

38. (Canceled)

39. (Canceled)

40. (Canceled)

41. (Canceled)